

SEQUENCE LISTING

<110> Beijing Joinn Pharmaceutical Center
 ZHOU, Zhiwen
 FENG, Yuxia
 ZUO, Conglin
 LI, Yuejuan

<120> A SET OF OLIGO-NUCLEOTIDES AGAINST HIV INFECTION AND ITS
 APPLICATION IN THE PREVENTION AND TREATMENT OF ACQUIRED IMMUNE
 DEFICIENCY SYNDROME

<130> Q88152

<140> 10/539,446
 <141> 2005-06-20

<150> PCT/CN2003/001068
 <151> 2003-12-16

<150> CN 02156785.9
 <151> 2002-12-18

<160> 29

<170> PatentIn version 3.3

<210> 1
 <211> 24
 <212> RNA
 <213> Lentivirus genera

<400> 1
 aucaaugagg aagcugcaga augg 24

<210> 2
 <211> 27
 <212> RNA
 <213> Lentivirus genera

<400> 2
 gggaagugac auagcaggaa cuacuag 27

<210> 3
 <211> 29
 <212> RNA
 <213> Lentivirus genera

<400> 3
 uaaauaaaau aguaagaaug uauagcccu 29

<210> 4
 <211> 19

<212> RNA	
<213> Lentivirus genera	
<400> 4	
uauggggguac cugugugga	19
<210> 5	
<211> 24	
<212> RNA	
<213> Lentivirus genera	
<400> 5	
gccaaauccc auacauuauu gugc	24
<210> 6	
<211> 21	
<212> RNA	
<213> Lentivirus genera	
<400> 6	
uuaaauggca gucuagcaga a	21
<210> 7	
<211> 26	
<212> RNA	
<213> Lentivirus genera	
<400> 7	
accacacaca aggcuacuuc ccugau	26
<210> 8	
<211> 23	
<212> RNA	
<213> Lentivirus genera	
<400> 8	
acagccgccu agcauuuau cac	23
<210> 9	
<211> 27	
<212> RNA	
<213> Lentivirus genera	
<400> 9	
ggaugggugcu ucaagcuagu accaguu	27
<210> 10	
<211> 21	
<212> RNA	
<213> Artificial Sequence	

<220>
 <223> Chemically synthesized positive strand of double-stranded RNA
 viral gene expression inhibitor

<400> 10
 uauggggguac cuguguggau u 21

<210> 11
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized negative strand of double-stranded RNA
 viral gene expression inhibitor

<400> 11
 uuauacccca uggacacacc u 21

<210> 12
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized PCR primer

<400> 12
 cggaattcta aagagcacia gacagtggac 30

<210> 13
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized PCR primer

<400> 13
 cggatcctac tctaccgtca gcgtcattga 30

<210> 14
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized positive strand of double-stranded RNA
 viral gene expression inhibitor

<400> 14

gugacauagc aggaacuacu u

21

<210> 15

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Chemically synthesized negative strand of double-stranded RNA
viral gene expression inhibitor

<400> 15

uucacuguau cguccuugau g

21

<210> 16

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Chemically synthesized positive strand of double-stranded RNA
viral gene expression inhibitor

<400> 16

accacacaca aggcuaquuu u

21

<210> 17

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Chemically synthesized negative strand of double-stranded RNA
viral gene expression inhibitor

<400> 17

uuuggugugu guuccgauga a

21

<210> 18

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Chemically synthesized positive strand of double-stranded RNA
viral gene expression inhibitor

<400> 18

aucaaugagg aagcugcagu u

21

<210> 19

<211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Chemically synthesized negative strand of double-stranded RNA
 viral gene expression inhibitor

 <400> 19
 uuuaguuacu ccuucgacgu c 21

 <210> 20
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Chemically synthesized positive strand of double-stranded RNA
 viral gene expression inhibitor

 <400> 20
 guaagaaugu cuagcccugu u 21

 <210> 21
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Chemically synthesized negative strand of double-stranded RNA
 viral gene expression inhibitor

 <400> 21
 uucauucuua cagaucggga c 21

 <210> 22
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Chemically synthesized positive strand of double-stranded RNA
 viral gene expression inhibitor

 <400> 22
 uucccauaca uuauugugcu u 21

 <210> 23
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized negative strand of double-stranded RNA
 viral gene expression inhibitor

<400> 23
 uuaagggguau gaaauaacac g 21

<210> 24
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized positive strand of double-stranded RNA
 viral gene expression inhibitor

<400> 24
 aaauggcagu cuagcagaau u 21

<210> 25
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Chemically synthesized negative strand of double-stranded RNA
 viral gene expression inhibitor

<400> 25
 uuuuuaccgu cagaucgucu u 21

<210> 26
 <211> 64
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Chemically-synthesized positive strand of DNA fragment encoding
 hairpin SiRNA

<400> 26
 gatcccccttc ccatacatta ttgtgcttca agagagcaca ataatgtatg ggaatttttg 60
 gaaa 64

<210> 27
 <211> 64
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Chemically-synthesized negative strand of DNA fragment encoding

hairpin SiRNA

<400> 27
agcttttcca aaaattccca tacattattg tgctctcttg aagcacaata atgtatggga 60
aggg 64

<210> 28
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Chemically-synthesized PCR primer

<400> 28
taattaatgc ggccgcaatt cgaacgctga cgtc 34

<210> 29
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Chemically-synthesized PCR primer

<400> 29
gcactagtaa gcttgatcc gtggtctcat acagaactta taagattccc 50